

Exhibit D

Effect of Temperature Range on the CTE Values of the
Examples of Table 1 of the November 25th IDS

Ref. No.	Reference	Examples	Effect of Temperature Range on CTE Values ¹
1	US 4,824,808	II/1	For this example, the reference reports a CTE value of 36.6 for the 25-300°C range (see column 5, lines 43-45); when transformed to the 0-300°C range using an offset of -0.8, this value becomes 35.8; Corning has made an additional CTE measurement for this example which gave a value of 35.7 for the 0-300°C range.
2	US 5,374,595	1-27, 30-51	The CTE values reported in this patent are for the 0-300°C range (see column 6, lines 24-26); as stated in the November 25 th IDS, example 15 has the lowest CTE value of 34.6; Corning has made additional CTE measurements for examples 34, 38, and 43 which gave values of 35.4, 37.7, and 39.0 for the 0-300°C range; the corresponding values in the reference are 34.9, 37.8, and 38.6.

¹ All CTE values referred to in this exhibit are in units of $10^{-7}/^{\circ}\text{C}$, except for Reference 10 where the units used in the reference is quoted.

Ref. No.	Reference	Examples	Effect of Temperature Range on CTE Values
3	US 5,801,109; EP 714,862	4, 14, 31	For these examples, Corning has measured CTE values of 34.8, 34.9, and 31.1, respectively, for the 0-300°C range; the corresponding values in the reference are 36, 35, and 32; the reference does not associate a temperature range with these CTE values.
4	US 5,851,939	4-6, 14	This reference does not report CTE values; as discussed in the November 25 th IDS, Corning has only measured liquidus temperature values for these examples and has not measured CTE values.
5	US 6,060,168; WO 98/27019	5	For this example, the patent reports a CTE value of 36.5 for the 25-300°C range (see column 4, line 66, to column 5, line 1); when transformed to the 0-300°C range using an offset of -0.8, this value becomes 35.7; Corning has no additional CTE measurements for this example.
6	JP 64(1989)- 083538	1, 3, 5-7	For these examples, the reference reports CTE values of 38.4, 35.1, 35.6, 36.9, and 37.6, respectively, for the 50-300°C range (see CTE row of Table 1); when transformed to the 0-300°C range using an offset of -1.5, these values become 36.9, 33.6, 34.1, 35.4, and 36.1, respectively; Corning has not measured CTE values for these examples.

Ref. No.	Reference	Examples	Effect of Temperature Range on CTE Values
7	JP 4(1992)-160030	1-5	For these examples, Corning has measured CTE values of 36.2, 37.0, 37.3, 35.9, and 35.5, respectively, for the 0-300°C range; the corresponding values in the reference are 37, 39, 37, 38, and 36 for the 100-300°C range (see first footnote to Table 1); when transformed to the 0-300°C range using an offset of -2.7, these values become 34.3, 36.3, 34.3, 35.3, and 33.3, respectively.
8	JP 4(1992)-325436	5-6	For these examples, the reference reports CTE values of 47 and 43, respectively, for the 50-350°C range (see paragraph 0026); when transformed to the 0-300°C range using an offset of -2.2, these values become 44.8 and 40.8, respectively; Corning has not measured CTE values for these examples.
9	FR 2675795	6	For this example, Corning has measured a CTE value of 37.6 for the 0-300°C range; the corresponding value in the reference is 40 for the 50-350°C range (see page 8, line 4); when transformed to the 0-300°C range using an offset of -2.2, this value becomes 37.8.
10	SU 642265	2-3	For these examples, Corning has measured CTE values of 36.5 and 36.9, respectively, for the 0-300°C range; the corresponding values in the reference are 39.0 and 38.5 "10 ⁻⁷ , °C ⁻¹ "; the reference does not associate a temperature range with these CTE values.